

Sheet 1 of 1

Form PTO-1449

U.S. Department of Commerce
Patent and Trademark OfficeAtty. Docket No.
8.131Appln. No.
10/715,271**INFORMATION DISCLOSURE STATEMENT BY APPLICANT**
(Use several sheets if necessary)Applicant
Kevin Hill et alFiling Date
November 15, 2003Group Art Unit
3632**U.S. PATENT DOCUMENTS**

| EXAMINER INITIAL | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|---------------------|--------------------|---------|------------------|-------|----------|----------------------------|
| <i>TH</i> | 3,109,621 | 11/1963 | Radke et al | | | |
| <i>TH</i> | 5,364,060 | 11/1994 | Donovan et al | | | |
| <i>TH</i> | 6,286,819 | 9/2001 | Milobinski et al | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

FOREIGN PATENT DOCUMENTS

| | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION | |
|-----------|--------------------|---------|---------------|-------|----------|-------------|----|
| | | | | | | YES | NO |
| <i>TH</i> | 0448340 | 9/1991 | Europe | | | | |
| | 3242287 | 5/1984 | Germany | | | | |
| | 930903 | 7/1963 | Great Britain | | | | |
| | 965072 | 7/1964 | Great Britain | | | | |
| | 1278921 | 6/1972 | Great Britain | | | | |
| | 1521316 | 8/1978 | Great Britain | | | | |
| | WO 90/11841 | 10/1990 | PCT | | | | |
| <i>TH</i> | WO 93/10996 | 6/1993 | PCT | | | | |

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

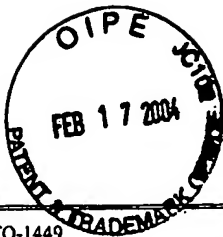
| | |
|--|--|
| | PCT International Search Report, International Application No. PCT/US03/36690, dated June 23, 2004 |
| | |
| | |

*EXAMINER

Kevin Hill

DATE CONSIDERED

*8/17/05**Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication with client.

Sheet 1 of 2

| | | | |
|--|--|----------------------------------|--------------------------|
| Form PTO-1449 | U.S. Department of Commerce Patent and Trademark Office | Atty. Docket No. 8.131 | Appln. No. 10/715,271 |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary) | | Applicant KEVIN HILL et al | |
| | | Filing Date November 15, 2003 | Group Art Unit |

| U.S. PATENT DOCUMENTS | | | | | | | |
|-----------------------|--------------------|---------|-----------------|-------|----------|----------------------------|--|
| EXAMINER INITIAL | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE | |
| KAC | 3,951,373 | 4/1976 | Swenson et al | | | | |
| | 3,954,298 | 5/1976 | Lowe | | | | |
| | 3,994,469 | 11/1976 | Swenson et al | | | | |
| | 4,029,283 | 6/1977 | Swenson et al | | | | |
| | 4,029,284 | 6/1977 | Swenson | | | | |
| | 4,072,287 | 2/1978 | Swenson et al | | | | |
| | 4,103,858 | 8/1978 | Swenson | | | | |
| | 4,222,555 | 9/1980 | Eimen | | | | |
| | 4,309,015 | 1/1982 | Muhr | | | | |
| | 4,344,597 | 8/1982 | Eimen | | | | |
| | 4,356,990 | 11/1982 | Sakurada et al | | | | |
| | 4,448,386 | 5/1984 | Moorhouse et al | | | | |
| | 4,533,110 | 8/1985 | Hill | | | | |
| | 4,561,621 | 12/1985 | Hill | | | | |
| | 4,593,875 | 6/1986 | Hill | | | | |
| KAC | 4,611,783 | 9/1986 | Sakamoto | | | | |
| | 4,624,437 | 11/1986 | Sakamoto | | | | |

| FOREIGN PATENT DOCUMENTS | | | | | | | |
|--------------------------|--------------------|------|---------|-------|----------|-------------|----|
| | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION | |
| | | | | | | YES | NO |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

| OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.) | | |
|---|--|--|
| | | |
| | | |
| | | |

| | |
|--|-----------------------------------|
| *EXAMINER <i>Korie Chan</i> | DATE CONSIDERED <i>8/17/05</i> |
| *Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication with client. | |

Sheet 2 of 2

| | | | |
|--|--|----------------------------------|--------------------------|
| Form PTOL 449 | U.S. Department of Commerce Patent and Trademark Office | Atty. Docket No. 8.131 | Appln. No. 10/715,271 |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary) | | Applicant KEVIN HILL et al | |
| | | Filing Date November 15, 2003 | Group Art Unit |

| U.S. PATENT DOCUMENTS | | | | | | |
|-----------------------|--------------------|-----------|-------------------|-----------------|----------|----------------------------|
| EXAMINER INITIAL | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
| KAC | 4,662,597 | 5/1987 | Uecker et al | | | |
| | 4,640,488 | 2/1987 | Sakamoto | | | |
| | 4,687,250 | 8/1987 | Esche | | | |
| | 4,709,963 | 12/1987 | Uecker et al | | | |
| | 4,738,427 | 4/1988 | Nishino | | | |
| | 4,778,139 | 10/1988 | Babbs | | | |
| | 4,787,594 | 11/1988 | Ikegaya et al | | | |
| | 4,838,514 | 6/1989 | Hill | | | |
| | 5,014,958 | 5/1991 | Hamey | | | |
| | 5,154,393 | 10/1992 | Lorbiecki | | | |
| | 5,154,402 | 10/1992 | Hill et al | | | |
| | 5,169,112 | 12/1992 | Boyles et al | | | |
| | 5,176,356 | 1/1993 | Lorbiecki et al | | | |
| | 5,221,071 | 6/1993 | Hill | | | |
| | 5,364,060 | 11/1994 | Donovan et al | | | |
| | 5,466,048 | 11/1995 | Fowler et al | | | |
| | 5,794,911 | 8/1998 | Hill | | | |
| | 5,927,679 | 7/1999 | Hill | | | |
| | 5,967,471 | 10/1999 | Borlinghaus et al | | | |
| | KAC | 6,149,237 | 11/2000 | Morishita et al | | |
| 6,464,193 | | 10/2002 | Nemoto | | | |
| 6,484,995 | | 11/2002 | Nemoto | | | |

| FOREIGN PATENT DOCUMENTS | | | | | | | |
|--------------------------|--------------------|------|---------|-------|----------|-------------|----|
| | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION | |
| | | | | | | YES | NO |
| | | | | | | | |

| OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.) | |
|---|--|
| | |

| | |
|--|----------------------------|
| *EXAMINER <i>KAC</i> | DATE CONSIDERED 8/17/05 |
| *Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication with client. | |